

Application No. 10/029,042

Reply to Office action of March 25, 2003

Amendments to the Specification:

Please replace paragraph [0010] with the following amended paragraph:

A1
[0010] The window balance also includes first means for attaching the second end of the torsion spring to a window sash for moving the follower along the spiral rod by moving the sash, second means for attaching the first end of the spiral rod to a window frame against rotation of the spiral rod. The second means for attaching includes includes means for rotating the spiral rod for changing base force in the torsion spring.

Replace paragraph [0013] with the following amended paragraph:

A2
[0013] A window balance includes a window frame, a window sash movably mounted on the window frame, a torsion spring having a first end and a second end, a spiral rod having a first end and a second end, a threaded follower mounted on the spiral rod for being rotated by the spiral rod when the follower is moved along the spiral rod between the first end of the spiral rod and the second end of the spiral rod, the threaded follower being attached to the first end of the torsion spring for rotating the first end of the torsion spring by rotation of the follower, the second end of the torsion spring being mounted on the window sash for moving the follower along the spiral rod by moving the sash, a bearing housing attached to the window frame, a first gear mounted in the housing, axially connected to the spiral rod for rotating the spiral rod, a second gear rotationally engaged with the first gear for rotating the first gear, a keyed hole in the second gear, an insert in the keyed hole, keyed to the hole so that insert rotates the second gear when the insert is rotated, means for urging the insert from a first position on the second gear to a second position on the second gear, and means on the housing contacting the insert for preventing rotation of the insert when the insert is in the second position.

Replace paragraph [0037] with the following amended paragraph:

AB [0037] Torsion spring 100 is fixedly attached at lower end 102 of the spring to block 86, and is fixedly attached at top end 106 of the spring to internally threaded follower 104 which is rotated by the ~~treads~~ threads¹⁰⁹ of threaded spiral rod 108.

Replace paragraph [0042] with the following amended paragraph:

AK [0042] The follower, rotated by the threads ¹⁰⁹ of rod 108 as the follower moves up and down the rod, rotates top end 106 of torsion spring 100. Rotation of torsion spring 100 as the sash is lowered, stores twisting force in the torsion spring that is translated into lifting force upon the torsion spring by the follower, and upon lugs 60 by the torsion spring, as the twisting force urges the follower to wind its way up the thread of the spiral rod.
